Dr.M.V.M. RAJU M.Sc, Ph.D

Geologist

Ref: 1421/20221

Date:14/01/2021

Yield test report

To

Executive Engineer
BBMP
Raja Rajeshwari Nagar Division
Bangalore

Qty./Survey No/total land in acres	Particulars	Bore wells	Discharge in gallons per hour
Ward no 16 RR nagar Constituency Bore wells **1. Sidhartha nagara** Ward # 16 Jalahalli	Conducting the yield test of the bore wells with the help of *V-Notch-Weirs* method the flow rate of a 45°angles, The height is determined by measuring the water height above the bottom of the weir. About 5 hours discharging and about 5 hours recovery test. Using water level indicator.	Bore Well No 1 Total depth drilled 360 mtrs	9,000 liters per hour

(Dr. M.V.M.Raju)

Dr. M.V.M. RAJU, M.Sc., Ph.D.
Geologist
Consultant Geologist
Gandhi Nagara, KOLAR 563 101

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Ref: 1721/1 Date:17/01/2021

Yield test report

To

Executive Engineer
BBMP
RajaRajeshwari Nagar Division
Bangalore

Qty./Survey No/total land in acres	Particulars	Bore wells	Discharge in gallons per hour
Ward no 16, RR nagar Constituency Bore wells **2. Khata Nagara** Ward # 16 Jalahalli	Conducting the yield test of the bore wells with the help of *V-Notch-Weirs* method the flow rate of a 45°angles, The height is determined by measuring the water height above the bottom of the weir. About 5 hours discharging and about 5 hours recovery test. Using water level indicator.	Bore Well No 2 Total depth drilled 365 mtrs	9500 liters per hour

(Dr. M.V.M.Raju)

Dr. M.V.M. RAJU, M.Sc., Ph.D.
Geologist
Consultant Geologist
Gandhi Nagara, KOLAR-563 101

Services: Geohydrological, Geophysical surveys and Engineering construction site surveys, Artificial recharge structures, Bore well Yield test, Chemical analysis for water,Hydro fracturing and Drilling of Bore wells.
Contact Details # 467, 2nd Main, 7th Cross Gandhinagar Kolar 563101 mail: rajumvm@rediffmail.com

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Dr. M V M RAJU M.Sc, Ph.D (Geo)
Consultant Geologist
Mobile No 8861727128

VES 1/ Sidhartha Nagara, Ward # 16 Jalahalli

GROUND WATER INVESTIGATION REPORT

	Report No 1121/2021	Date :11/01/20221
Sl No	Name And Address of the Party	**To** **Executive Engineer** **BBMP** **RajaRajeshwari Nagar Division** **Bangalore**
1	Date of Survey	10/1/2021
2	Location of the Point a) Land Situated at b) Area c) District	**Drilling of Bore well and Instalation of pump and motor and lying pipeline to providing drinking water to Sidharatha nagara and Khataa nagara in Ward no 16 Jalahalli in R R Nagar Constituency Indent No BBMP/3021/WS/WORK_INDENT42926 RRN-Div-13**
3	Xtent of the land had its survey No	
4	Nature of Investigation	Geophysical (VES)/Geohydrological
5	Purpose of Investigation	Providing Drinking water
6	Geology of the area a) Type of Soil b) Rock type c) Topogrphy	Red soil Granite and Gneisses Plane land Sloping towards West of the land
7	Hydrologica condition of the area	Favouarable for Bore well
8	Details of Geophysical survey a) Type of configuration b) Number of VES conducted c) Recommended VES No	Schlumberger Method 1 Sidhartha nagara, Ward # 16
9	Recommendations a) Well type b) Dimensions c) Depth recommended d) casing required	a) Surface Bore well b) 6.5" c) 250 to 360 mtrs d)55 to 60 mtrs
10	Approximate yield Anticipated	1750 -2000 Gph
11	Joints/Fractures expected (Approx)	200, 280 and 295 mtrs
12	Number of wells observed well inventry data	1
13	Location Map/ Area Sketch	
14	Note : Although the best point has been selected, no gaurentee of success can be given and the yield of the well canot be quantified	Geologist (Dr.M.V.M.RAJU)
GPH Gallons per hour		Dr. M.V.M. RAJU, M.Sc., Ph.D., Consultant Geologist Gandhi Nagara, KOLAR-563 101

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Dr. M V M RAJU M.Sc, Ph.D (Geo)
Consultant Geologist
Mobile No 8861727128

VES 2/ Khata Nagara, Ward # 16 Jalahalli

GROUND WATER INVESTIGATION REPORT

	Report No 1521/2021	Date :15/01/2021
Sl No	Name And Address of the Party	**To** **Executive Engineer** **BBMP** **RajaRajeshwari Nagar Division** **Bangalore**
1	Date of Survey	14/01/2021
2	Location of the Point a) Land Situated at b) Area c) District	**Drilling of Bore well and Instalation of pump and motor and lying pipeline to providing drinking water to Sidharatha nagara and Khata nagara in Ward no 16 Jalahalli in R R Nagar Constituency Indent No BBMP/3021/WS/WORK_INDENT42926 RRN-Div-13**
3	Xtent of the land had its survey No	
4	Nature of Investigation	Geophysical (VES)/Geohydrological
5	Purpose of Investigation	Providing Drinking water
6	Geology of the area a) Type of Soil b) Rock type c) Topogrphy	Red soil Granite and Gneisses Plane land Sloping towards West of the land
7	Hydrologica condition of the area	Favouarable for Bore well
8	Details of Geophysical survey a) Type of configuration b) Number of VES conducted c) Recommended VES No	Schlumberger Method 1 Sidhartha nagara, Ward # 16
9	Recommendations a) Well type b) Dimensions c) Depth recommended d) casing required	a) Surface Bore well b) 6.5" c) 360 to 365 mtrs d)52 to 57 mtrs
10	Approximate yield Anticipated	2000 Gph
11	Joints/Fractures expected (Approx)	180, 275 and 300 mtrs
12	Number of wells observed well inventry data	1
13	Location Map/ Area Sketch	
14	Note : Although the best point has been selected, no gaurentee of success can be given and the yield of the well canot be quantified	Geologist (Dr.M.V.M.RAJU)
GPH Gallons per hour		Dr. M.V.M. RAJU, M.Sc., Ph.D., Consultant Geologist Gandhi Nagara, KOLAR 563 101.

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